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received a chronometer in which the prepared oil had been used; which having performed a voyage of 16 months to and from India, was then vibrating as freely as at first, and keeping the rate it went out with to a fraction of a second."

In a letter to Mr. Walker, inserted at large in the original paper, Mr. Barraud farther states, "that for upwards of ten years he had constantly used the prepared oil for his chronometers, and in their return from long voyages always found the oil in good condition, and much better than any he had been able to procure before; Mr. Barraud also induced Mr. Brockbank to try it, who very gratefully acknowledged the advantage he had derived from its use; having found Mr. Walker's oil, on the return of his chronometers from India, far superior in quality to any he had before been able to procure."

The following is Mr. Walker's directions for preparing the pure oil, above mentioned.

"Put a quantity of the best olive oil into a phial, with two or three times as much water, so that the phial may be about half full; shake the phial briskly for a little time, turn the cork downwards, and let most part of the water flow out between the side of the cork and the neck of the phial. Thus the oil must be washed five or six times. After the last quantity of water has been poured off, what remains is a mixture of water, oil, and mucilage.—To separate these from each other put the phial into hot water for three

or four minutes, and most part of the water will fall to the bottom, which must be drawn off as before.

The oil must then be poured into a smaller phial, which being nearly full, must be well corked, set in a cool place, and be suffered to stand undisturbed for three or four months, or until all the water shall have subsided, with the mucilage on the top of it, and the oil perfectly transparent swimming upon the top of the mucilage. When time has thus compleated the operation, the pure oil must be poured off into very small phials, and kept in a cool place, well corked to preserve it from the air.

Improvement in writing and printing numbers, consisting of many digits, by A. Reirtalp.

Phil. Mag. xxxvi; 397.

When a number such as 69,470,600,078,406,300,097, presents itself, though pointed in periods of three figures, the manner of expressing it in words does not immediately occur to the mind. The mode which Mr. Reirtalp proposes as an improvement is, besides pointing it in periods of three figures, to place one accent over the seventh figure, or millions; two accents over the 13th figure, or billions; and so on, increasing the accents at every myriad,

thus— $\overset{m}{69},\overset{n}{470},\overset{r}{600},\overset{t}{078},\overset{q}{406},\overset{u}{300},\overset{v}{097}$, by which we can perceive at once, that the two first figures denote trillions, without the usual mode of reckoning according to the Numeration table.

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Nicholson's Principles of Architecture; containing its fundamental rules, in Geometry, Arithmetic, and Mensuration, with 218 plates, 2d. edition, 3l. 3s.

ASTRONOMY.

An Appendix to the Third Edition of Tables requisite to be used with the Nautical Ephemeris; being new Tables of Na-

tural Sines, Versed Sines, and Logarithms of Numbers, from 1 to 100,000.—2s.

CHEMISTRY.

A Dictionary of Chemistry and Mineralogy, with various useful Tables, by A. and C. R. Aikin, 3*l.* 13s. 6d.

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A Treatise on the Etymology and Syntax of the English Language; by the Rev. Alexander Crombie, L.L.D. 2*d* ed. 8s.

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Decii Junii Invenalis, et Auli Persii Flacci Satiræ, quas Interpretatione et Notis illustravit Ludovicus Præteus, 9s.

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Rollin's Ancient History of the Egyptians, Carthaginians Assyrians, Babylonians, Medes and Persians, and Grecians, a new edition, 2*l.* 2s.

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Additional Cases; with farther Directions to the Faculty, relating to the Use of the Humulus or Stop in Gout and Rheumatic Affections; by A. Freake, apothecary, 1s. 6d.

A Statement of the Case of James Tilley Matthews, fourteen years in Bethlam hospital, for madness, by George Birkbeck, M.D.

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The Mother; a Poem, in five Books; by Mrs. West, 7s.

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A Picturesque Voyage to India; by the way of China, with 50 Engravings, by Thomas Daniel, R.A. and William Daniel, A.R.A. £3. 13s. 6d.

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remarks on Mr. Huskinson's Pamphlet, in which the Bullion Committee is vindicated, 1s. 6d.

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The new Chronology, an Authentic Register of Events from the earliest period to the present times, 5s. 6d.

MONTHLY RETROSPECT OF POLITICS.

* **N**APOLEON has expressed his design of forming an internal communication by a canal between France and the Baltic, and intimated his intention to the British government. We think this a subject worthy of reflection. We have always

* To the list of his titles, he has just added a new one, "Emperor of France, Protector of the Confederation of the Rhine, King of Italy, &c. and Dealer in Tobacco." Let Britain beware of the eventual danger which may result to her revenue from this rival *Tobacconist*. Britain is a shop that depends upon customers. The war against our trade, and the non-consumption of the continent are what she ought most to fear.

BELFAST MAG. NO. XXX.

thought that the ambition of the emperor of France has been, *of late*, turned to the works of peace. War-like ambition, with him, is consummated. He has established his character as the first warrior of this or perhaps any other age. What remains? *That*, without which all his victories will be of little account in the estimation of posterity, and *are*, it is likely, as little in his own—the triumphs and trophies of peace. The world is yet to be astonished by more uncommon deeds than the extraordinary issue of some great battles. Here, indeed, a mere military man may place the summit of human excel-